



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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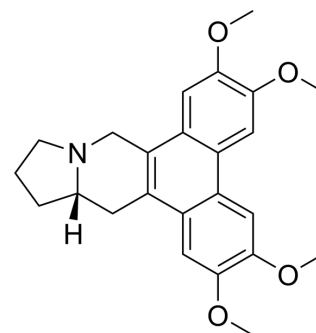
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Tylophorine

Cat. No.:	HY-122324
CAS No.:	482-20-2
Molecular Formula:	C ₂₄ H ₂₇ NO ₄
Molecular Weight:	393.48
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 44.46 mg/mL (112.99 mM; Need ultrasonic and warming)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.5414 mL	12.7071 mL	25.4143 mL
	5 mM	0.5083 mL	2.5414 mL	5.0829 mL
	10 mM	0.2541 mL	1.2707 mL	2.5414 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Tylophorine and its analogs are benzoindole alkaloids, most of which are derived from *Garcinia* plants. Tylophorine analogs all show potent growth inhibition against human hepatocellular carcinoma HepG2 and human nasopharyngeal carcinoma KB cell lines. Tylophorine analogs can also induce increased albumin expression and inhibit α -fetoprotein expression in HepG2 cells, and have the potential to induce HepG2 cell differentiation^[1].

REFERENCES

[1]. Novel Mode of Action of Tylophorine Analogs as Antitumor Compounds

Caution: Product has not been fully validated for medical applications. For research use only.

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